

Devrim Toslak

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

631
citations

566801

15
h-index

610482

24
g-index

35
all docs

35
docs citations

35
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	An ultra-wide-field fundus camera with color balanced trans-palpebral illumination. , 2022, , .		0
2	Understanding the relationship between visual-angle and eye-angle for reliable determination of the field-of-view in ultra-wide field fundus photography. Biomedical Optics Express, 2021, 12, 6651.	1.5	16
3	Is age-related macular degeneration a local manifestation of systemic disorder? Changes in nailfold capillaries at age-related macular degeneration. Irish Journal of Medical Science, 2020, 189, 727-733.	0.8	1
4	Transfer Learning for Automated OCTA Detection of Diabetic Retinopathy. Translational Vision Science and Technology, 2020, 9, 35.	1.1	78
5	Quantitative optical coherence tomography angiography: A review. Experimental Biology and Medicine, 2020, 245, 301-312.	1.1	55
6	Trans-pars-planar illumination enables a 200° ultra-wide field pediatric fundus camera for easy examination of the retina. Biomedical Optics Express, 2020, 11, 68.	1.5	22
7	Portable ultra-widefield fundus camera for multispectral imaging of the retina and choroid. Biomedical Optics Express, 2020, 11, 6281.	1.5	23
8	Holographic waveguide based optometer for the quantitative monitoring of ocular refractive error. OSA Continuum, 2020, 3, 620.	1.8	0
9	Near infrared oximetry-guided artery-vein classification in optical coherence tomography angiography. Experimental Biology and Medicine, 2019, 244, 813-818.	1.1	16
10	Differential Artery-Vein Analysis Improves the Performance of OCTA Staging of Sickle Cell Retinopathy. Translational Vision Science and Technology, 2019, 8, 3.	1.1	15
11	OCT feature analysis guided artery-vein differentiation in OCTA. Biomedical Optics Express, 2019, 10, 2055.	1.5	27
12	Quantitative artery-vein analysis in optical coherence tomography angiography of diabetic retinopathy. , 2019, , .		5
13	Artery and vein differentiation in retinal optical coherence tomography angiography of macular region. , 2019, , .		1
14	WIDE-FIELD SMARTPHONE FUNDUS VIDEO CAMERA BASED ON MINIATURIZED INDIRECT OPHTHALMOSCOPY. Retina, 2018, 38, 438-441.	1.0	30
15	A New Objective Parameter in Hydroxychloroquine-Induced Retinal Toxicity Screening Test: Macular Retinal Ganglion Cell-Inner Plexiform Layer Thickness. Archives of Rheumatology, 2018, 33, 52-58.	0.3	9
16	Color Fundus Image Guided Artery-Vein Differentiation in Optical Coherence Tomography Angiography. , 2018, 59, 4953.		35
17	Functional optical coherence tomography of neurovascular coupling interactions in the retina. Journal of Biophotonics, 2018, 11, e201800089.	1.1	27
18	Near-infrared light-guided miniaturized indirect ophthalmoscopy for nonmydriatic wide-field fundus photography. Optics Letters, 2018, 43, 2551.	1.7	19

#	ARTICLE	IF	CITATIONS
19	Combining ODR and Blood Vessel Tracking for Artery&Vein Classification and Analysis in Color Fundus Images. Translational Vision Science and Technology, 2018, 7, 23.	1.1	19
20	Contact-free trans-pars-planar illumination enables snapshot fundus camera for nonmydriatic wide field photography. Scientific Reports, 2018, 8, 8768.	1.6	17
21	Spectral domain-optical coherence tomographic assessment of macular changes following anti-vascular endothelial growth factor therapy in patients with retinopathy of prematurity. Annals of Medical Research, 2018, 25, 635.	0.0	0
22	Automated classification and quantitative analysis of arterial and venous vessels in fundus images. , 2018, 10474, .		0
23	Wide-field fundus imaging with trans-palpebral illumination. , 2017, 10045, .		1
24	Smartphone-based imaging of the corneal endothelium at sub-cellular resolution. Journal of Modern Optics, 2017, 64, 1229-1232.	0.6	17
25	Is the unaffected eye really unaffected? Color Doppler ultrasound findings in unilaterally active central serous chorioretinopathy. Journal of Medical Ultrasonics (2001), 2017, 44, 173-181.	0.6	7
26	Cognitive performance of primary open-angle glaucoma and normal-tension glaucoma patients. Arquivos Brasileiros De Oftalmologia, 2016, 79, 100-4.	0.2	16
27	Response to: Comment on "Choroidal Thickness in Patients with Mild Cognitive Impairment and Alzheimer&TM's Type Dementia". Journal of Ophthalmology, 2016, 2016, 1-1.	0.6	39
28	Response to: Comment on "Choroidal Thickness in Patients with Mild Cognitive Impairment and Alzheimer&TM's Type Dementia". Journal of Ophthalmology, 2016, 2016, 1-2.	0.6	2
29	Choroidal Thickness in Patients with Mild Cognitive Impairment and Alzheimer&TM's Type Dementia. Journal of Ophthalmology, 2016, 2016, 1-7.	0.6	32
30	Trans-palpebral illumination: an approach for wide-angle fundus photography without the need for pupil dilation. Optics Letters, 2016, 41, 2688.	1.7	33
31	Evaluation of nailfold videocapillaroscopy in central serous chorioretinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1889-1896.	1.0	15
32	Serous macular detachment, yellow macular deposits, and prominent middle limiting membrane in multiple myeloma. Therapeutics and Clinical Risk Management, 2015, 11, 683.	0.9	6
33	Comparison of Measurement of Central Corneal Thickness with Spectral Domain Optical Coherence Tomography and Standard Ultrasonic Pachymeter in Premature Infants. Journal of Ophthalmology, 2015, 2015, 1-6.	0.6	2
34	Intravitreal ranibizumab therapy for retinal arterial macroaneurysm. International Journal of Clinical and Experimental Medicine, 2015, 8, 11572-8.	1.3	11
35	Macular Findings Obtained by Spectral Domain Optical Coherence Tomography in Retinopathy of Prematurity. Journal of Ophthalmology, 2014, 2014, 1-7.	0.6	35